

### **Abstract of the Disclosure**

The invention relates to a torque sensor for calibrating screwing tools such as dynamometric keys or impact screw drivers. A torque sensor for calibrating screwing tools has an inner body defining an axis with respect to which a torque is to be measured. The inner body has a seat for engagement of a screwing tool to be calibrated. An outer annular body is held stationary. This outer annular body is coaxial with the inner body and is connected therewith through radial webs of a first type and through radial webs of a second type. The first type webs have relatively large widths circumferentially but have relatively small axial dimensions. The second type webs are relatively narrow circumferentially but have relatively large axial dimensions. The torque sensor further comprises torsion measuring elements attached to said first type webs for measuring torsional deformation due to torques exerted on said inner body.